

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Michael R. Rosen et al.
U.S. Serial No. : 10/757,827
Examiner : Anoop K. Singh
Filed : January 15, 2004
Conf. No. : 5518
Group Art Unit : 1632
For : MESENCHYMAL STEM CELLS AS A VEHICLE FOR ION
CHANNEL TRANSFER

Mail Stop RCE
Commissioner for Patents
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Alexandria, VA 22313-1450

CERTIFICATE OF ELECTRONIC TRANSMISSION

I hereby certify that this correspondence is being electronically submitted to the United States Patent and Trademark Office via the Office electronic filing system on: **July 21, 2010.**

Signature: /Loretta E. Charles/
Loretta E. Charles

Sir:

RESPONSE TO FINAL OFFICE ACTION DATED JANUARY 21, 2010

This paper is submitted in response to the Final Office Action mailed on January 21, 2010 in connection with the above-identified application. A shortened period of reply of three months was set. A three month extension of time is requested. This response is timely filed within the extended period for reply.

This response is being filed concurrently with 1) a Request for Continued Examination under 37 C.F.R. § 1.114; and 2) a Supplemental Information Disclosure Statement.

Applicants respectfully request that the Examiner enter the amendments and consider the remarks set forth herein.

A listing of the **claims** begins on page 2 of this paper.

Remarks begin on page 5 of this paper.